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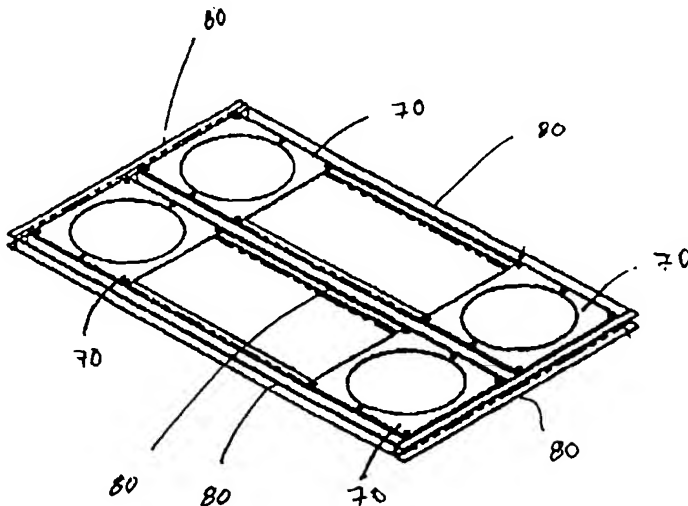
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(54) Title: ISOLATION PLATFORM



(57) Abstract: The present invention provides a platform (10) for supporting various equipment and/or structure which assists in isolating such structure from vibrations ("noise") external to the platform. Generally, the platform comprises upper plate supports and lower plates (30, 20), having conical depressions (15), upon which the upper plate supports the above-mentioned structure, and the lower plate contacting surface/area upon which the supported structure otherwise would have rested. Between the upper and lower plates, a plurality of rigid, spherical bearings (50) are placed within the conical depressions, thereby allowing the upper and lower plates to displace relative to one another. Additionally, the platform may be provided with retaining mechanisms for holding the structure to be supported, maintaining the

plates together and providing additional damping effects.

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<b>B. FIELDS SEARCHED</b>		
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 99,973 A (TOUAILLON) 15 February 1870 (15/02/70), figures 2-4	1-9
Y	US 951,028 A (SCHAR) 01 March 1910 (01/03/10), figures 1 and 2.	1-9
Y	US 2,055,000 A (BACIGALUPO) 22 September 1936 (22/09/36), figures 1 and 2	1-9
Y	US 2,014,643 A (BAKKER) 17 September 1935 (17/09/35), figure 1.	1, 7
Y	US 5,452,548 A (KWON) 26 September 1995 (26/09/95), abstract	2
A	US 4,517,778 A (NICOLAI) 21 May 1985 (21/05/85).	
A	US 1,761,659 A (CUMMINGS) 03 June 1930 (03/06/30).	
A	US 879,595 A (SMITH) 18 February 1908 (18/02/08).	
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